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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Isaac Jesus Rondon et al.      Art Unit : 1642  
Patent No. : 6,774,209      Examiner : Karen A. Canella  
Issue Date : August 10, 2004  
Serial No. : 09/541,345  
Filed : April 3, 2000  
Title : BINDING PEPTIDES FOR CARCINOEMBRYONIC ANTIGEN (CEA)

Attn.: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF REQUEST FOR CERTIFICATE OF CORRECTION

Applicant hereby requests that a certificate of correction be issued for the above patent in accordance with the attached request (Substitute Form PTO/SB/44(5-03)).

**1. Omission of Claims 23 and 24.** Independent claims 23 and 24 were not printed. These claims were entered in the Reply to Restriction Requirement and Preliminary Amendment filed on May 12, 2003 under 37 CFR §121. The Examiner entered the amendment in full on September 10, 2003 as indicated in the Communication. It appears that, by an error of the Office, these claims were not printed on page 74, column 2 of the issued patent. Applicants request correction of the patent to reflect this by a certificate of correction or issuance of a corrected patent.

**2. Other Corrections.** The other corrections indicated on the attached request are of a clerical nature, typographical nature, or are a mistake of minor character. As one or more of the errors sought to be corrected were made by applicant, a check for \$100 is enclosed to cover the required fee of 37 CFR §1.20(a).

Please apply any charges or credits to Deposit Account No. 06-1050.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Page : 2 of 2

Attorney's Docket No.: 10280-101001 / HB0003

Respectfully submitted,

Date: 3/25/05



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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,774,209  
DATED : AUGUST 10, 2004  
INVENTOR(S) :

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Cover page, Other Publications, replace "Chattorjee" with --Chatterjee--; replace "Anti Idiotype" with --Anti-Idiotype--; replace "Idevis" with --laevis--; replace "elegans" with -elegans--; replace "Ilantaviruses" with --Hantaviruses--;

col. 73, claim 2, remove the "--" so the claim reads as follows:

--A polypeptide according to claim 1, wherein

X<sub>4</sub> is Glu;  
X<sub>5</sub> is is Asn, Leu, Met or Phe;  
X<sub>6</sub> is Asp, Gly, Ile, Lys, Phe or Thr;  
X<sub>7</sub> is Lys;  
X<sub>8</sub> is Arg, Asn, Asp, Glu or Gly;  
X<sub>9</sub> is Gln;  
X<sub>10</sub> is Trp; and  
X<sub>11</sub> is Ala, Gly, His, Phe, Thr or Val.--

col. 73, claim 3, remove the "--" so the claim read as follows:

--A polypeptide according claim 1, comprising the amino acid sequence:

X<sub>1</sub>-X<sub>2</sub>-X<sub>3</sub>-Cys-X<sub>4</sub>-X<sub>5</sub>-X<sub>6</sub>-X<sub>7</sub>X<sub>8</sub>-X<sub>9</sub>-X<sub>10</sub>-X<sub>11</sub>-Cys-X<sub>12</sub>-X<sub>13</sub>-X<sub>14</sub> (SEQ ID NO:1),

wherein

X<sub>1</sub> is Asn or Asp;  
X<sub>2</sub> is Trp;  
X<sub>3</sub> is Asp, Phe or Val;

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It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

X<sub>4</sub> is Asn, Glu or Met;  
X<sub>5</sub> is Asn, Leu, Met or Phe;  
X<sub>6</sub> is Asp, Gly, Ile, Lys, Phe or Thr;  
X<sub>7</sub> is Ala, Gln, Gly, Lys or Thr;  
X<sub>8</sub> is Arg, Asn, Asp, Glu or Gly;  
X<sub>9</sub> is Gln, Gly or Leu;  
X<sub>10</sub> is Ala, Trp or Tyr;  
X<sub>11</sub> is Ala, Gly, His, Phe, Thr or Val;  
X<sub>12</sub> is Asn, Gln, Phe, Ser or Val;  
X<sub>13</sub> is Arg, Leu, Pro or Ser; and  
X<sub>14</sub> is Leu, Ser, Trp or Tyr.--

col. 73, claim 4, remove the "--" so the claim read as follows:

--A polypeptide according to claim 3, having the amino acid sequence:

X<sub>1</sub>-Trp-Val-Cys-Glu-X<sub>5</sub>-X<sub>6</sub>-Lys-X<sub>8</sub>-Gln-Trp-X<sub>11</sub>-Cys-Asn-X<sub>13</sub>-X<sub>14</sub> (SEQ ID NO:2),

wherein

X<sub>1</sub> is Asn or Asp;  
X<sub>5</sub> is Asn, Leu, Met or Phe;  
X<sub>6</sub> is Asp, Gly, Ile, Lys, Phe or Thr;  
X<sub>8</sub> is Arg, Asn, Asp, Glu or Gly;  
X<sub>11</sub> is Ala, Gly, His, Phe, Thr or Val;  
X<sub>13</sub> is Arg, Leu, Pro or Ser; and  
X<sub>14</sub> is Leu or Tyr.--

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It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

col. 74, line 3, insert --Trp-- between "Gly-" and "Ala-";

Column 74, line 66, please insert the following claims, which were filed with the response to the Restriction Requirement and Preliminary Amendment, filed May 12, 2003,

--23. A polypeptide having the ability to bind CEA comprising a CEA binding loop having the amino acid sequence Asp-Trp-Val-Cys-Glu-Lys-Thr-Thr-Gly-Gly-Tyr-Val-Cys-Gln-Pro-Leu (SEQ ID NO:7).

24. A polypeptide having the ability to bind CEA comprising a CEA binding loop having the amino acid sequence Asn-Trp-Val-Cys-Asn-Leu-Phe-Lys-Asn-Gln-Trp-Phe-Cys-Asn-Ser-Tyr (SEQ ID NO:4).--

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